

## **AMENDMENTS TO THE SPECIFICATION**

**Please amend the specification as follows:**

**Please delete the first paragraph on page 3 and replace with the following:**

The conventional frequency error detection apparatus is provided in the DVD system, and includes an A/D converter 10, a zero crossing point detector 11, a period information detector 12, a zero crossing point counter/comparator 13, a maximum period~~ie~~ signal detector 14, and a frequency error calculator 15.

**Please delete the first full paragraph on page 4 and replace with the following:**

The maximum period~~ie~~ signal detector 14 detects a periodic signal having maximum period information form detected period information. The DVD system has period information of 3T ~11T for a periodic signal corresponding to data information, and has period information of 14T for a synchronization signal necessary for frequency synchronization. Accordingly, in the DVD system, a periodic signal having the period information of 14T is a period signal having the maximum period information and, at the same time, corresponds to a synchronization signal, and the maximum period~~ie~~ signal detector 14 detects and outputs signal having the period information of 14T to the frequency error calculator 15.